

I. AMENDMENT

In the Specification:

Please replace the paragraph beginning at page 50, line 20, with the following rewritten paragraph:

FIG. 16 presents the nucleotide sequence of the genomic region of the *hpa* gene with regard to SEQ ID NO: 42. Exon sequences appear in upper case and intron sequences in lower case. The deduced amino acid sequence of the twelve exons is printed below the nucleotide sequence. These twelve deduced amino acids sequences are: positions 1 to 76 of SEQ ID NO:10 (exon 1); positions 77 to 124 of SEQ ID NO:10 (exon 2); positions 125 to 166 of SEQ ID NO:10 (exon 3); positions 167 to 224 of SEQ ID NO:10 (exon 4); positions 225 to 281 of SEQ ID NO:10 (exon 5); positions 282 to 297 of SEQ ID NO:10 (exon 6); positions 298 to 328 of SEQ ID NO:10 (exon 7); positions 329 to 364 of SEQ ID NO:10 (exon 8); positions 365 to 402 of SEQ ID NO:10 (exon 9); positions 403 to 442 of SEQ ID NO:10 (exon 10); positions 443 to 491 of SEQ ID NO:10 (exon 11); and positions 492 to 543 of SEQ ID NO:10 (exon 12). Two predicted transcription start sites are shown in bold.

Please replace the paragraph beginning at page 51, line 3, with the following rewritten paragraph:

FIG. 17 presents an alignment of the amino acid sequences of human heparanase (SEQ ID NO:10), mouse (SEQ ID NO:44) and partial sequences of rat homologues (SEQ ID NOS:48 and 49) ~~with regard to SEQ ID NO: 10~~. The human and the mouse sequences were determined by sequence analysis of the isolated cDNAs (SEQ ID NOS:9 and 43, respectively). The rat sequence is derived from two different EST clones (SEQ ID NOS:46 and 47), which represent two different regions (5' and 3') of the rat *hpa* cDNA. The human sequence and the amino acids in the mouse and rat homologues, which are identical to the human sequence, appear in bold.

Please replace the Sequence Listing with the paper and computer readable listings that are attached herewith. The only change thereto from the one previously provided is the addition of SEQ ID NOS:48 and 49, which are the rat amino acid sequences shown in Figure 17.

The content of the paper and computer readable form listings attached herewith are the same and include no new matter.